

Report No.:

Test Time: 2021-10-13 14:39

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 0.861 A

Power Factor: 0.960

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 277.0 V

Power: 228.91 W

Photometric Results

CIE Class: Direct

Measurement Flux: 33130.1 lm

Downward Ratio: 100%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 125.8, 126.3, 126.0, 126.5

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 89.1, 89.4, 89.0, 89.3

Luminaire Efficacy Rating (LER): 144.78

Max. Intensity: 16212.96 cd

S/MH(C0/C180): 1.35

Total Rated Lamp Lumens: 33130.1 lm

Efficiency: 100%

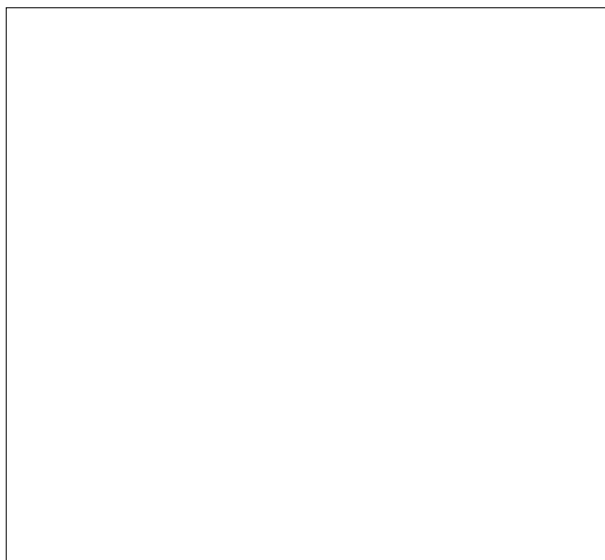
Upward Ratio: 0%

C0r0 Intensity: 16172.2 cd

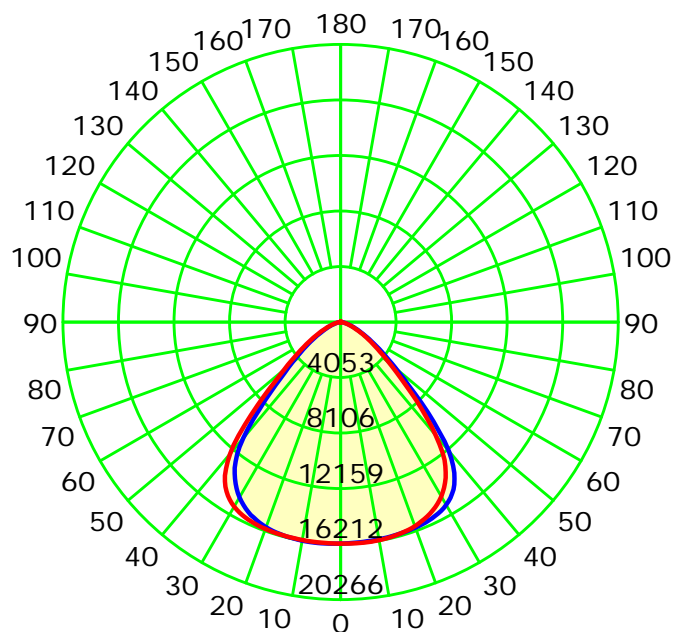
Pos of Max. Intensity: H180 V8

S/MH(C90/C270): 1.36

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 89.2°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.0 °C

Operator:

Gamma Plane (°):0.0-180.0: 1.0

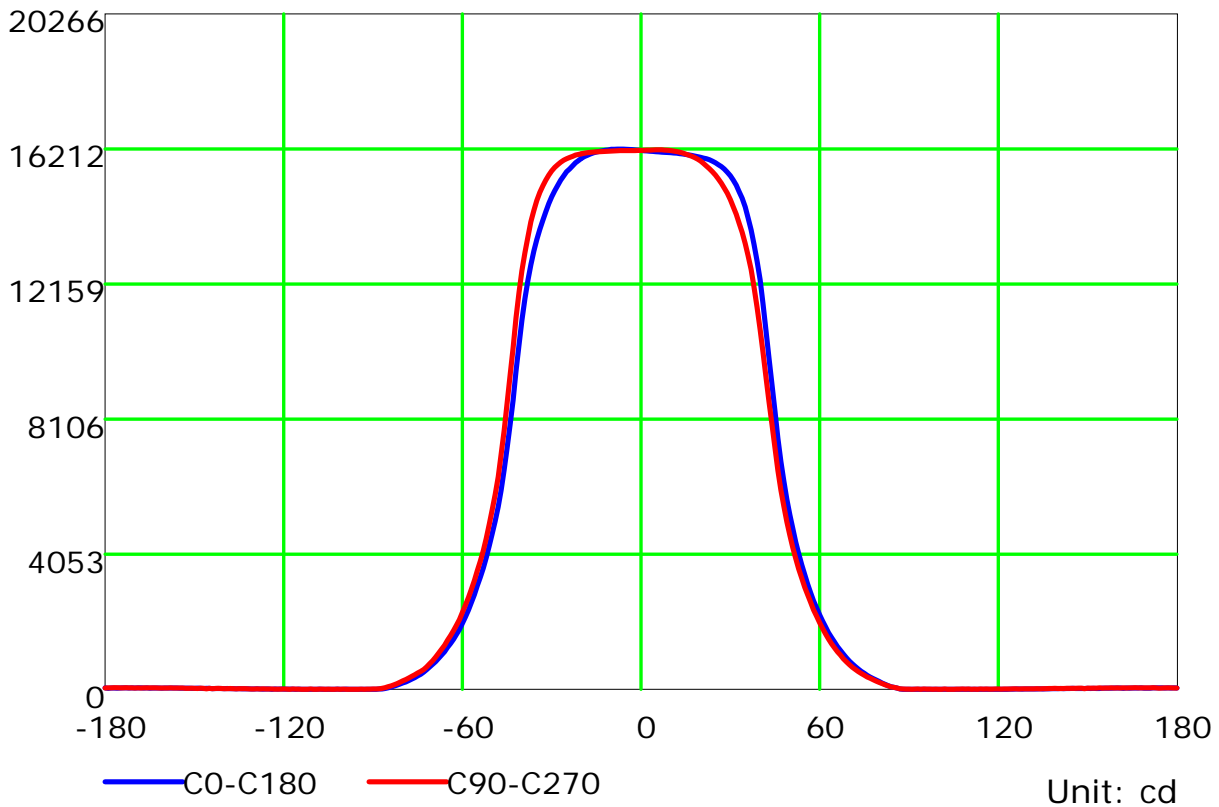
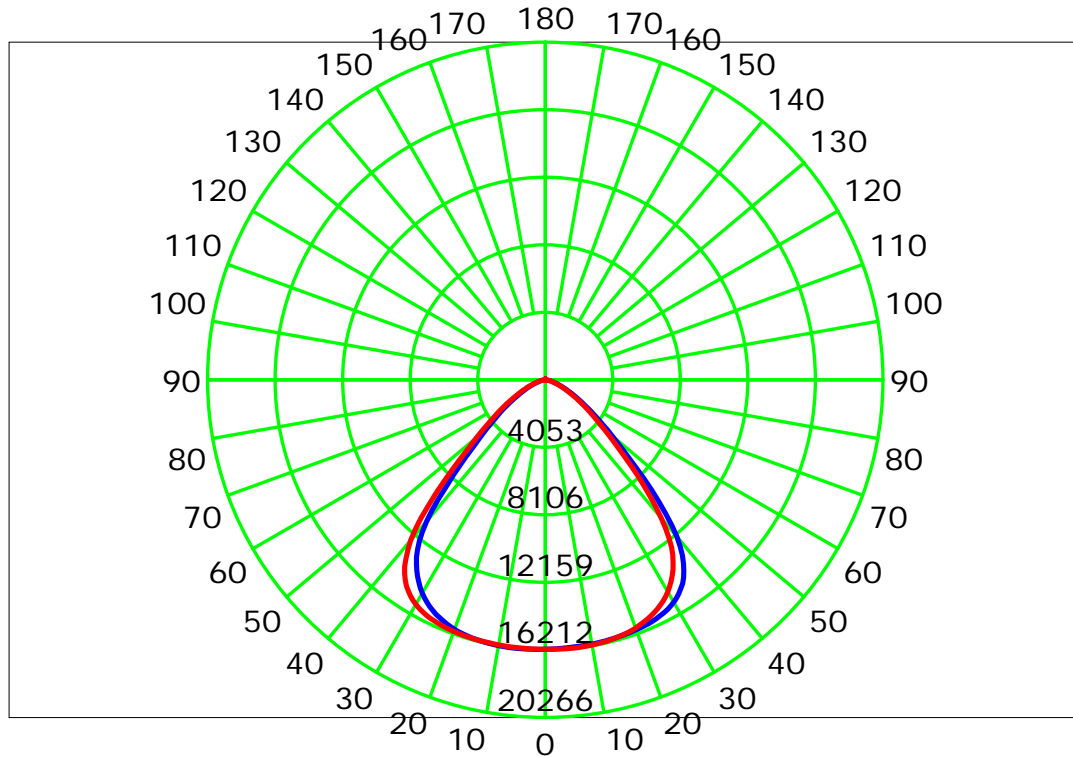
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

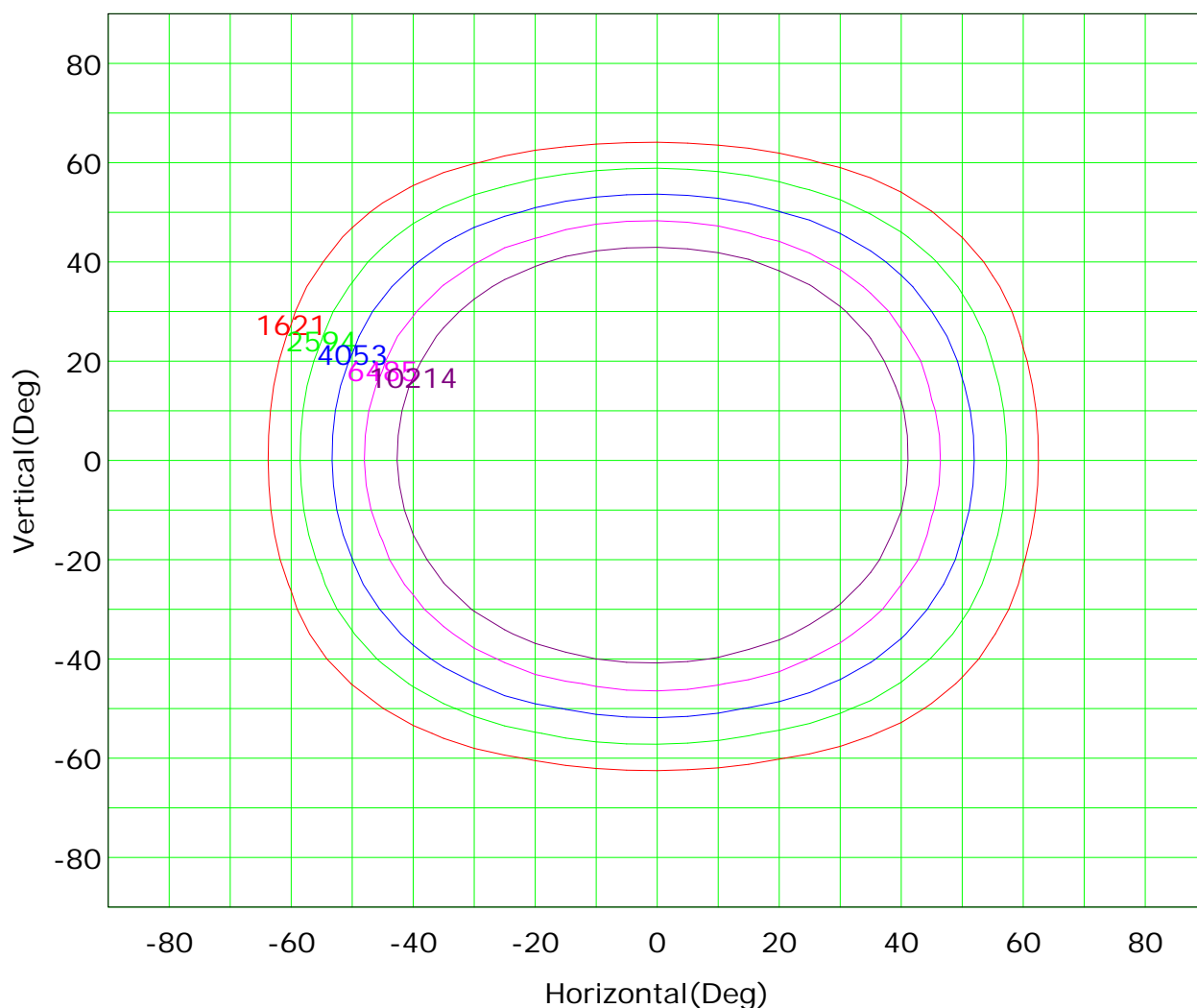
Luminous Intensity Distribution Curve



C Plane (°): 0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.0 °C
Operator:

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-3000
Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

Isocandela (rectangle)



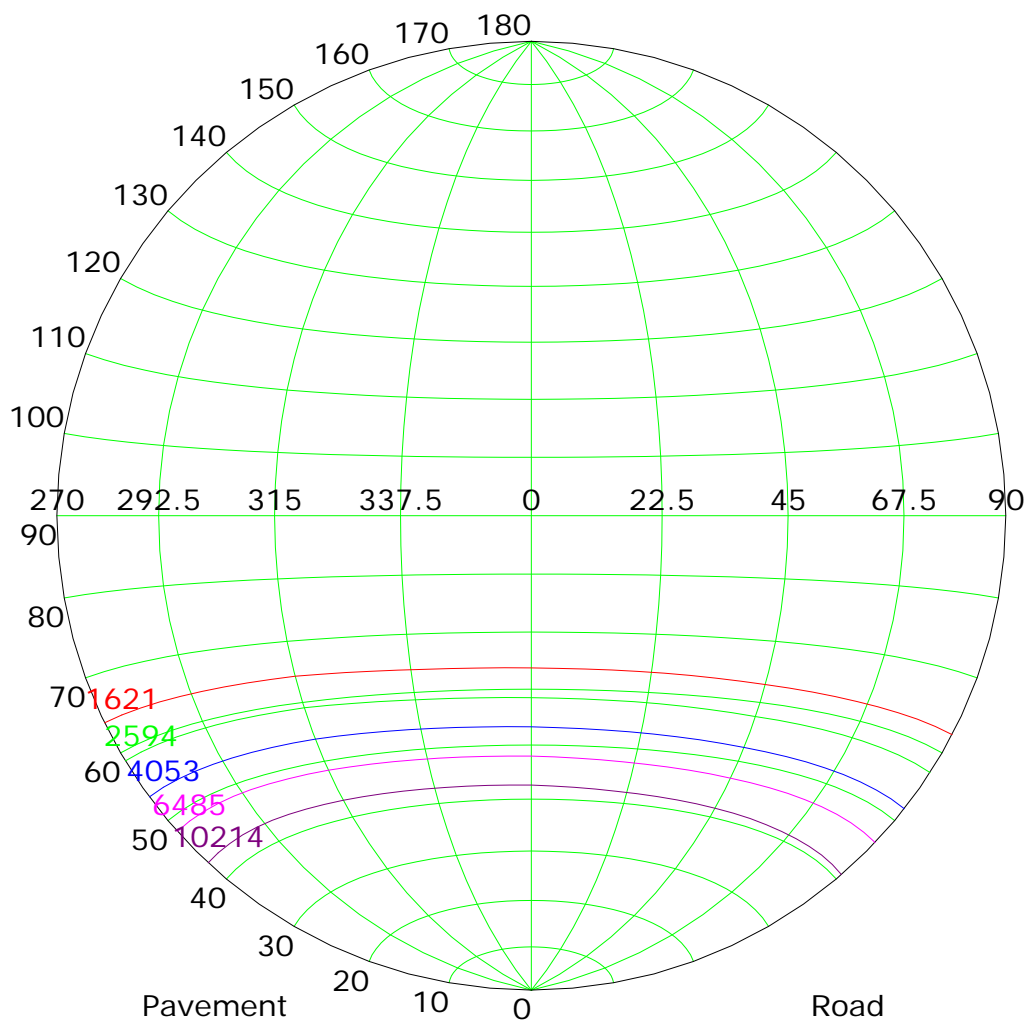
Imax (100%): 16213 cd

(10%): 1621 cd	(16%): 2594 cd
(25%): 4053 cd	(40%): 6485 cd
(63%): 10214 cd	(100%): 16213 cd

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.0 °C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

Isocandela (sphere)



Imax (100%): 16213 cd

(10%): 1621 cd	(16%): 2594 cd
(25%): 4053 cd	(40%): 6485 cd
(63%): 10214 cd	(100%): 16213 cd

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.0 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

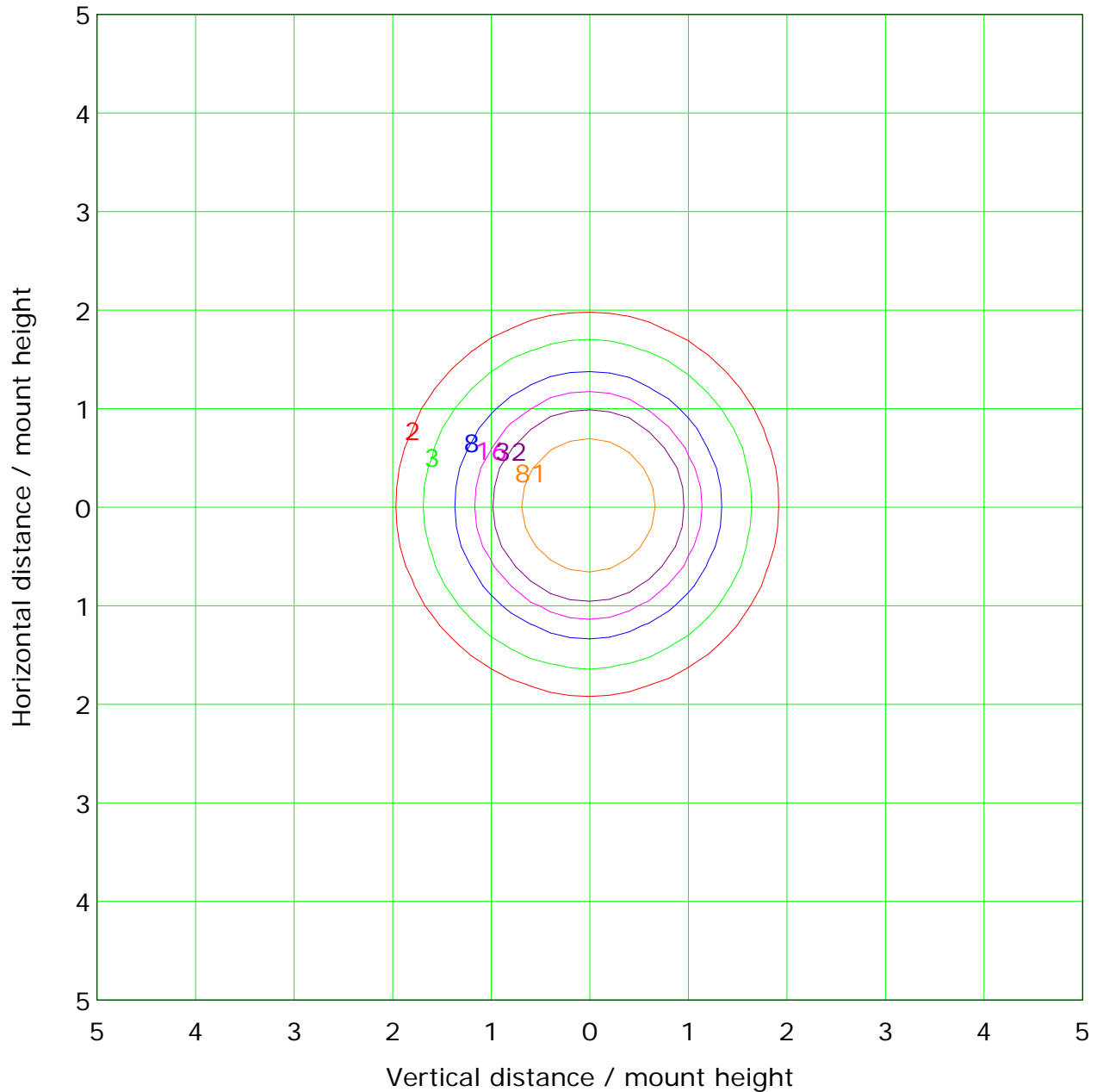
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

IsoLux Plot

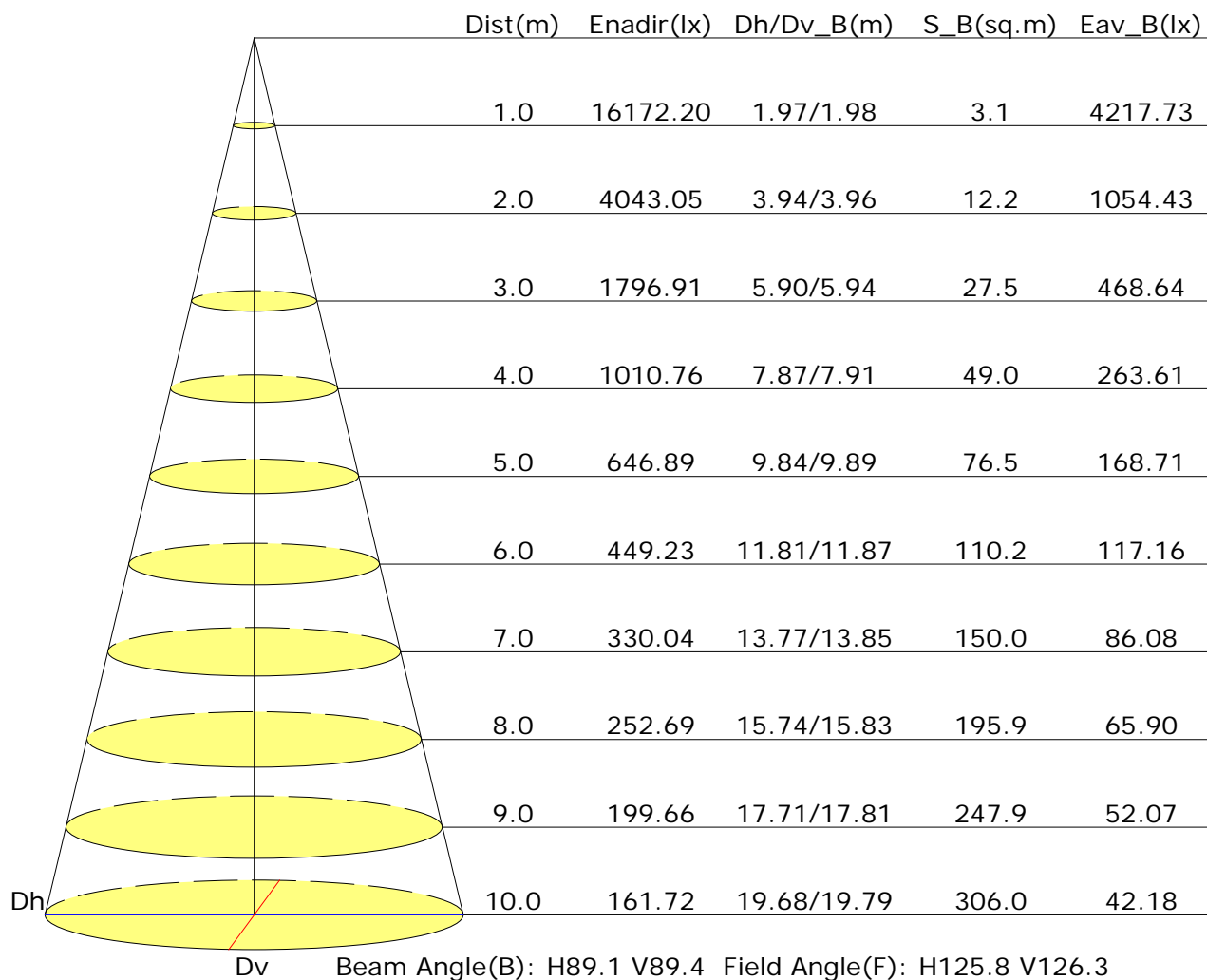


Mounting Height: 10.0m		Max Lux(100%): 161.8 lx	
— (1%):	1.6 lx	— (2%):	3.2 lx
— (5%):	8.1 lx	— (10%):	16.2 lx
— (20%):	32.4 lx	— (50%):	80.9 lx
— (100%):	161.8 lx		

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.0 °C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

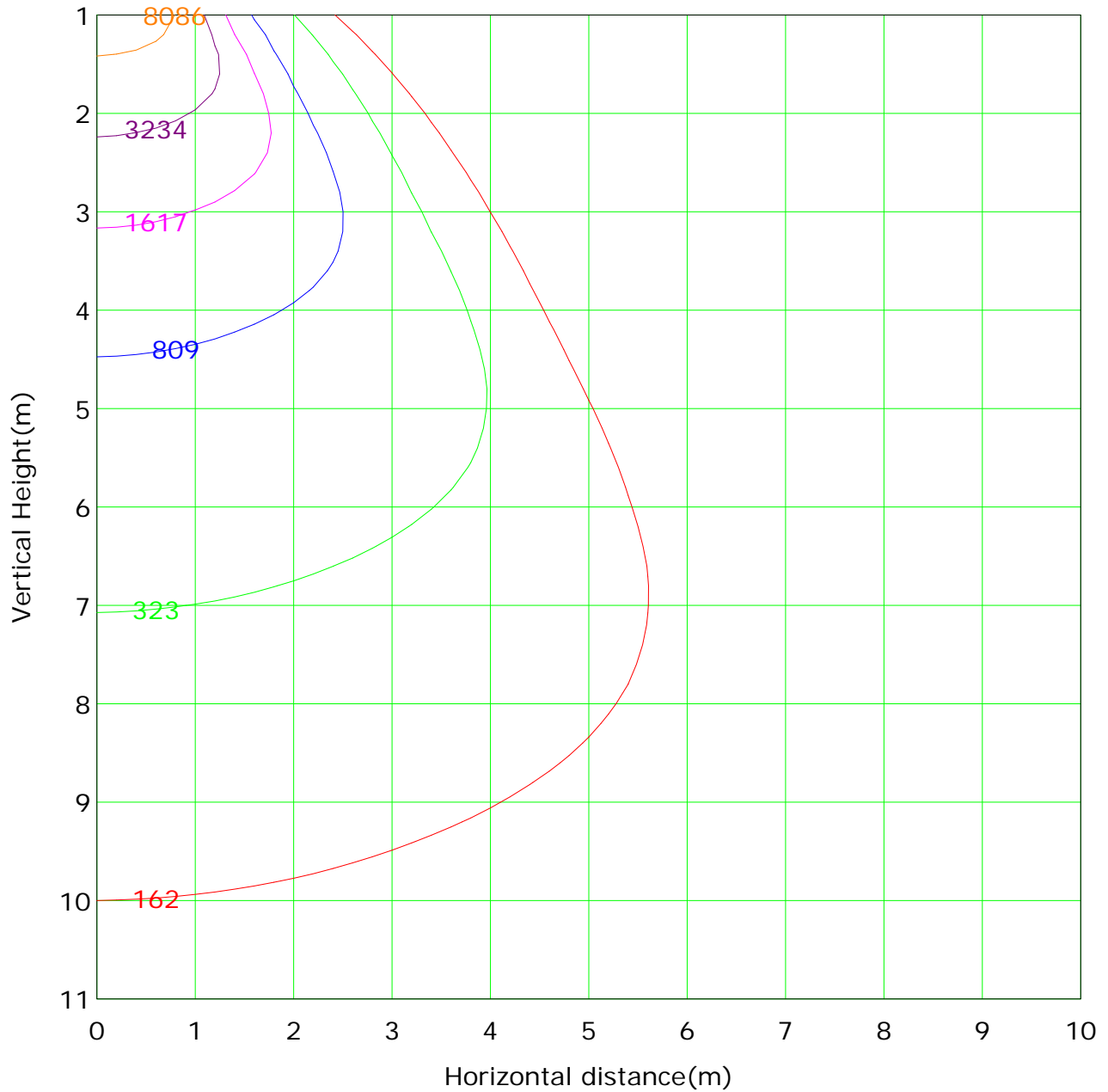
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.0 °C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

Vertical IsoLux Plot

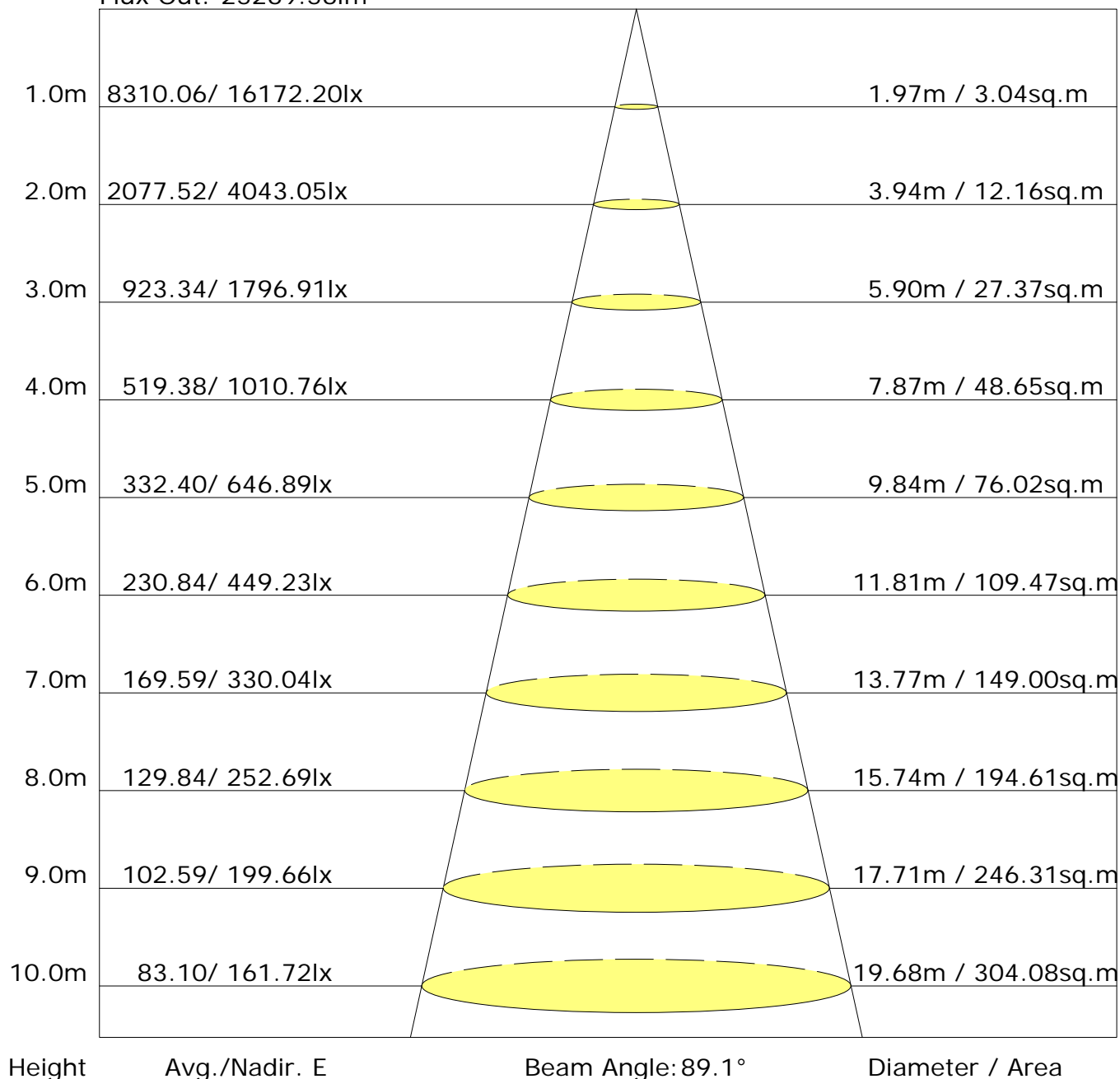


Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 16172.2 lx

— (1%): 161.7 lx	— (2%): 323.4 lx
— (5%): 808.6 lx	— (10%): 1617.2 lx
— (20%): 3234.4 lx	— (50%): 8086.1 lx
— (100%): 16172.2 lx	

The Average Illuminance Effective Figure

Flux Out: 25269.56lm



C Plane (°): 0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.0 °C
Operator:

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-3000
Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	16172.8	15.5	15.5	0.05	0.05
1.0-2.0	16174.1	46.4	61.9	0.14	0.19
2.0-3.0	16175.0	77.4	139.3	0.23	0.42
3.0-4.0	16175.4	108.3	247.6	0.33	0.75
4.0-5.0	16175.5	139.2	386.7	0.42	1.17
5.0-6.0	16174.3	170.0	556.7	0.51	1.68
6.0-7.0	16172.0	200.8	757.5	0.61	2.29
7.0-8.0	16168.4	231.4	988.9	0.70	2.98
8.0-9.0	16163.4	262.0	1250.9	0.79	3.78
9.0-10.0	16157.1	292.4	1543.3	0.88	4.66
10.0-11.0	16148.5	322.7	1866.1	0.97	5.63
11.0-12.0	16137.9	352.8	2218.9	1.06	6.70
12.0-13.0	16126.1	382.8	2601.6	1.16	7.85
13.0-14.0	16112.4	412.5	3014.1	1.25	9.10
14.0-15.0	16096.5	442.0	3456.1	1.33	10.43
15.0-16.0	16078.2	471.2	3927.3	1.42	11.85
16.0-17.0	16057.6	500.1	4427.4	1.51	13.36
17.0-18.0	16033.9	528.7	4956.1	1.60	14.96
18.0-19.0	16006.1	556.9	5513.0	1.68	16.64
19.0-20.0	15972.7	584.7	6097.7	1.76	18.41
20.0-21.0	15931.9	611.9	6709.6	1.85	20.25
21.0-22.0	15884.2	638.4	7348.0	1.93	22.18
22.0-23.0	15830.7	664.3	8012.3	2.01	24.18
23.0-24.0	15769.7	689.6	8701.9	2.08	26.27
24.0-25.0	15700.1	714.0	9415.9	2.16	28.42
25.0-26.0	15622.2	737.5	10153.4	2.23	30.65
26.0-27.0	15534.4	760.1	10913.5	2.29	32.94
27.0-28.0	15433.3	781.5	11695.0	2.36	35.30
28.0-29.0	15315.0	801.4	12496.3	2.42	37.72
29.0-30.0	15179.3	819.7	13316.0	2.47	40.19
30.0-31.0	15023.0	836.1	14152.1	2.52	42.72
31.0-32.0	14844.1	850.5	15002.7	2.57	45.28
32.0-33.0	14641.7	862.7	15865.4	2.60	47.89
33.0-34.0	14414.2	872.4	16737.8	2.63	50.52
34.0-35.0	14149.9	878.9	17616.7	2.65	53.17
35.0-36.0	13838.8	881.3	18498.0	2.66	55.83

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.0 °C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	13481.5	879.4	19377.3	2.65	58.49
37.0-38.0	13066.0	872.3	20249.6	2.63	61.12
38.0-39.0	12575.9	858.5	21108.1	2.59	63.71
39.0-40.0	12000.5	837.1	21945.2	2.53	66.24
40.0-41.0	11336.1	807.3	22752.5	2.44	68.68
41.0-42.0	10589.8	769.5	23522.0	2.32	71.00
42.0-43.0	9795.3	725.7	24247.7	2.19	73.19
43.0-44.0	8993.7	678.9	24926.6	2.05	75.24
44.0-45.0	8209.0	631.0	25557.5	1.90	77.14
45.0-46.0	7461.8	583.6	26141.2	1.76	78.90
46.0-47.0	6783.6	539.6	26680.8	1.63	80.53
47.0-48.0	6186.9	500.2	27181.0	1.51	82.04
48.0-49.0	5661.1	465.0	27645.9	1.40	83.45
49.0-50.0	5196.2	433.3	28079.2	1.31	84.75
50.0-51.0	4781.0	404.6	28483.8	1.22	85.98
51.0-52.0	4399.9	377.6	28861.4	1.14	87.12
52.0-53.0	4050.2	352.4	29213.8	1.06	88.18
53.0-54.0	3729.7	328.8	29542.5	0.99	89.17
54.0-55.0	3429.8	306.2	29848.7	0.92	90.10
55.0-56.0	3153.1	285.0	30133.7	0.86	90.96
56.0-57.0	2898.8	265.1	30398.8	0.80	91.76
57.0-58.0	2661.6	246.2	30644.9	0.74	92.50
58.0-59.0	2442.3	228.4	30873.3	0.69	93.19
59.0-60.0	2238.9	211.5	31084.9	0.64	93.83
60.0-61.0	2049.1	195.6	31280.4	0.59	94.42
61.0-62.0	1873.6	180.6	31461.0	0.55	94.96
62.0-63.0	1709.1	166.2	31627.2	0.50	95.46
63.0-64.0	1557.0	152.8	31780.0	0.46	95.92
64.0-65.0	1417.4	140.3	31920.3	0.42	96.35
65.0-66.0	1287.2	128.4	32048.8	0.39	96.74
66.0-67.0	1166.5	117.3	32166.1	0.35	97.09
67.0-68.0	1053.9	106.8	32272.9	0.32	97.41
68.0-69.0	947.6	96.7	32369.5	0.29	97.70
69.0-70.0	849.3	87.2	32456.8	0.26	97.97
70.0-71.0	761.0	78.7	32535.4	0.24	98.20
71.0-72.0	681.3	70.8	32606.3	0.21	98.42

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.0 °C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	607.2	63.5	32669.8	0.19	98.61
73.0-74.0	540.3	56.8	32726.6	0.17	98.78
74.0-75.0	478.8	50.6	32777.2	0.15	98.93
75.0-76.0	422.2	44.8	32822.0	0.14	99.07
76.0-77.0	372.9	39.8	32861.8	0.12	99.19
77.0-78.0	327.1	35.0	32896.8	0.11	99.30
78.0-79.0	283.2	30.4	32927.2	0.09	99.39
79.0-80.0	241.6	26.0	32953.3	0.08	99.47
80.0-81.0	202.2	21.9	32975.2	0.07	99.53
81.0-82.0	165.0	17.9	32993.1	0.05	99.59
82.0-83.0	130.7	14.2	33007.3	0.04	99.63
83.0-84.0	99.4	10.8	33018.1	0.03	99.66
84.0-85.0	71.7	7.8	33025.9	0.02	99.69
85.0-86.0	48.1	5.3	33031.2	0.02	99.70
86.0-87.0	27.9	3.1	33034.2	0.01	99.71
87.0-88.0	13.3	1.5	33035.7	0.00	99.71
88.0-89.0	7.9	0.9	33036.6	0.00	99.72
89.0-90.0	6.6	0.7	33037.3	0.00	99.72
90.0-91.0	5.3	0.6	33037.9	0.00	99.72
91.0-92.0	5.3	0.6	33038.4	0.00	99.72
92.0-93.0	5.2	0.6	33039.0	0.00	99.72
93.0-94.0	5.6	0.6	33039.6	0.00	99.73
94.0-95.0	5.5	0.6	33040.2	0.00	99.73
95.0-96.0	4.7	0.5	33040.7	0.00	99.73
96.0-97.0	5.1	0.6	33041.3	0.00	99.73
97.0-98.0	4.4	0.5	33041.8	0.00	99.73
98.0-99.0	3.8	0.4	33042.2	0.00	99.73
99.0-100.0	4.1	0.4	33042.6	0.00	99.74
100.0-101.0	3.4	0.4	33043.0	0.00	99.74
101.0-102.0	3.6	0.4	33043.4	0.00	99.74
102.0-103.0	4.2	0.5	33043.8	0.00	99.74
103.0-104.0	3.0	0.3	33044.2	0.00	99.74
104.0-105.0	2.7	0.3	33044.4	0.00	99.74
105.0-106.0	4.1	0.4	33044.9	0.00	99.74
106.0-107.0	4.5	0.5	33045.3	0.00	99.74
107.0-108.0	5.1	0.5	33045.9	0.00	99.75

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.0 °C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	5.0	0.5	33046.4	0.00	99.75
109.0-110.0	4.3	0.4	33046.8	0.00	99.75
110.0-111.0	5.5	0.6	33047.4	0.00	99.75
111.0-112.0	5.3	0.5	33047.9	0.00	99.75
112.0-113.0	4.1	0.4	33048.4	0.00	99.75
113.0-114.0	4.6	0.5	33048.8	0.00	99.75
114.0-115.0	5.5	0.6	33049.4	0.00	99.76
115.0-116.0	6.2	0.6	33050.0	0.00	99.76
116.0-117.0	6.5	0.6	33050.6	0.00	99.76
117.0-118.0	6.1	0.6	33051.2	0.00	99.76
118.0-119.0	7.1	0.7	33051.9	0.00	99.76
119.0-120.0	7.7	0.7	33052.6	0.00	99.77
120.0-121.0	7.8	0.7	33053.4	0.00	99.77
121.0-122.0	9.0	0.8	33054.2	0.00	99.77
122.0-123.0	10.2	0.9	33055.2	0.00	99.77
123.0-124.0	10.7	1.0	33056.1	0.00	99.78
124.0-125.0	11.4	1.0	33057.2	0.00	99.78
125.0-126.0	12.7	1.1	33058.3	0.00	99.78
126.0-127.0	13.3	1.2	33059.5	0.00	99.79
127.0-128.0	13.7	1.2	33060.6	0.00	99.79
128.0-129.0	14.5	1.2	33061.9	0.00	99.79
129.0-130.0	15.4	1.3	33063.2	0.00	99.80
130.0-131.0	15.9	1.3	33064.5	0.00	99.80
131.0-132.0	16.4	1.3	33065.9	0.00	99.81
132.0-133.0	17.4	1.4	33067.3	0.00	99.81
133.0-134.0	18.2	1.5	33068.7	0.00	99.81
134.0-135.0	18.7	1.5	33070.2	0.00	99.82
135.0-136.0	19.8	1.5	33071.7	0.00	99.82
136.0-137.0	21.0	1.6	33073.3	0.00	99.83
137.0-138.0	21.9	1.6	33074.9	0.00	99.83
138.0-139.0	22.7	1.6	33076.6	0.00	99.84
139.0-140.0	23.5	1.7	33078.2	0.01	99.84
140.0-141.0	25.1	1.8	33080.0	0.01	99.85
141.0-142.0	26.7	1.8	33081.8	0.01	99.85
142.0-143.0	27.5	1.8	33083.7	0.01	99.86
143.0-144.0	27.5	1.8	33085.4	0.01	99.87

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.0 °C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	29.0	1.8	33087.3	0.01	99.87
145.0-146.0	30.4	1.9	33089.2	0.01	99.88
146.0-147.0	30.6	1.9	33091.0	0.01	99.88
147.0-148.0	31.8	1.9	33092.9	0.01	99.89
148.0-149.0	32.5	1.9	33094.8	0.01	99.89
149.0-150.0	33.2	1.8	33096.6	0.01	99.90
150.0-151.0	33.5	1.8	33098.4	0.01	99.90
151.0-152.0	33.9	1.8	33100.2	0.01	99.91
152.0-153.0	34.8	1.8	33102.0	0.01	99.91
153.0-154.0	36.4	1.8	33103.7	0.01	99.92
154.0-155.0	38.2	1.8	33105.5	0.01	99.93
155.0-156.0	38.5	1.8	33107.3	0.01	99.93
156.0-157.0	39.3	1.7	33109.0	0.01	99.94
157.0-158.0	39.6	1.7	33110.7	0.01	99.94
158.0-159.0	39.6	1.6	33112.3	0.00	99.95
159.0-160.0	39.7	1.5	33113.8	0.00	99.95
160.0-161.0	40.5	1.5	33115.3	0.00	99.96
161.0-162.0	41.6	1.4	33116.7	0.00	99.96
162.0-163.0	42.1	1.4	33118.1	0.00	99.96
163.0-164.0	42.4	1.3	33119.4	0.00	99.97
164.0-165.0	42.8	1.3	33120.7	0.00	99.97
165.0-166.0	44.1	1.2	33121.9	0.00	99.98
166.0-167.0	43.9	1.1	33123.0	0.00	99.98
167.0-168.0	43.4	1.0	33124.1	0.00	99.98
168.0-169.0	44.1	1.0	33125.0	0.00	99.98
169.0-170.0	44.8	0.9	33125.9	0.00	99.99
170.0-171.0	44.5	0.8	33126.7	0.00	99.99
171.0-172.0	44.5	0.7	33127.4	0.00	99.99
172.0-173.0	45.6	0.7	33128.1	0.00	99.99
173.0-174.0	45.2	0.6	33128.7	0.00	100.00
174.0-175.0	43.3	0.5	33129.1	0.00	100.00
175.0-176.0	42.2	0.4	33129.5	0.00	100.00
176.0-177.0	43.5	0.3	33129.8	0.00	100.00
177.0-178.0	43.9	0.2	33130.0	0.00	100.00
178.0-179.0	41.3	0.1	33130.1	0.00	100.00
179.0-180.0	39.7	0.0	33130.1	0.00	100.00

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.0 °C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

Zonal Lumen (Continue 5)

cone flux(90°): 25557.54 lm

%lum = 77.1%

%lamp = 77.1%

cone flux(120°): 31084.86 lm

%lum = 93.8%

%lamp = 93.8%

Candlepower Table

Unit: cd

GVC	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G0.0	16172.2	16172.2	16172.2	16172.2	16172.2	16172.2	16172.2	16172.2	16172.2	16172.2
G1.0	16163.8	16166.3	16174.6	16175.4	16176.4	16182.7	16180.2	16179.9	16178.5	16176.0
G2.0	16158.6	16160.0	16174.6	16178.1	16182.3	16189.3	16188.3	16184.8	16187.5	16185.8
G3.0	16150.3	16154.8	16172.5	16178.5	16183.4	16192.1	16199.1	16192.8	16195.5	16186.8
G4.0	16144.7	16148.9	16172.5	16180.6	16188.3	16197.3	16204.0	16197.7	16200.8	16191.0
G5.0	16136.0	16146.4	16169.8	16180.6	16190.7	16199.4	16208.5	16199.1	16206.7	16193.8
G6.0	16127.6	16145.7	16164.9	16180.6	16191.8	16199.4	16206.8	16198.4	16208.8	16194.5
G7.0	16121.0	16139.5	16163.1	16180.2	16190.0	16194.9	16203.3	16194.9	16211.6	16196.6
G8.0	16114.4	16135.3	16159.6	16176.7	16184.1	16188.6	16195.6	16189.7	16213.0	16191.7
G9.0	16108.8	16132.5	16155.8	16171.2	16176.4	16178.8	16186.2	16179.2	16207.4	16189.6
G10.0	16105.7	16125.9	16148.5	16162.1	16166.6	16164.2	16171.2	16168.7	16204.2	16189.6
G11.0	16097.0	16118.2	16141.2	16147.4	16153.3	16144.3	16154.0	16152.3	16187.9	16183.3
G12.0	16089.7	16109.5	16130.3	16132.4	16137.6	16126.8	16136.6	16134.1	16178.1	16169.4
G13.0	16078.2	16094.9	16112.9	16114.6	16118.7	16101.3	16118.4	16117.0	16158.6	16158.6
G14.0	16064.9	16078.9	16095.5	16090.9	16093.2	16074.8	16096.8	16095.7	16144.7	16141.6
G15.0	16051.7	16061.8	16074.2	16067.5	16063.9	16047.9	16067.8	16070.2	16122.7	16126.6
G16.0	16036.7	16040.2	16055.7	16039.9	16031.8	16014.4	16031.1	16038.1	16099.1	16104.6
G17.0	16023.5	16020.3	16032.4	16010.2	15998.2	15975.0	15988.2	16002.8	16064.9	16080.6
G18.0	16006.1	15997.0	16005.5	15977.4	15959.1	15934.5	15942.8	15958.8	16030.4	16050.6
G19.0	15984.1	15974.4	15976.9	15939.7	15913.0	15881.4	15889.7	15906.5	15990.4	16013.0
G20.0	15963.6	15950.3	15943.1	15895.0	15854.7	15818.6	15823.3	15845.7	15936.1	15964.3
G21.0	15943.0	15920.0	15899.5	15841.6	15781.6	15731.3	15747.5	15771.0	15870.9	15913.1
G22.0	15920.4	15884.8	15846.1	15778.1	15703.7	15650.0	15656.7	15683.6	15801.6	15854.2
G23.0	15891.5	15842.0	15785.8	15696.4	15625.8	15562.7	15571.2	15602.3	15712.1	15792.2
G24.0	15848.3	15787.3	15715.7	15626.9	15535.4	15461.1	15466.4	15498.9	15614.2	15716.6
G25.0	15801.3	15721.5	15633.0	15528.5	15430.6	15350.1	15350.1	15392.4	15534.5	15620.5
G26.0	15745.2	15642.8	15559.4	15425.1	15317.7	15230.0	15220.2	15274.4	15408.4	15528.5
G27.0	15684.9	15572.4	15461.8	15311.3	15189.2	15078.8	15093.1	15142.4	15277.8	15414.3
G28.0	15613.2	15473.1	15349.1	15188.8	15044.5	14927.7	14933.5	14978.2	15126.3	15285.4
G29.0	15520.5	15364.8	15210.3	15034.1	14888.0	14759.8	14750.5	14808.5	14959.8	15140.1
G30.0	15414.3	15239.4	15065.2	14865.8	14697.7	14551.7	14563.6	14620.3	14779.7	14976.1
G31.0	15284.1	15080.2	14887.0	14663.0	14481.1	14336.0	14338.7	14411.1	14577.7	14777.9
G32.0	15127.7	14903.6	14678.1	14436.8	14257.8	14093.3	14113.4	14183.1	14330.1	14572.7
G33.0	14934.0	14696.0	14437.8	14179.5	13987.1	13851.4	13834.0	13927.8	14076.9	14334.8
G34.0	14738.3	14451.8	14191.6	13912.4	13712.5	13555.0	13554.7	13655.4	13805.9	14071.8
G35.0	14478.8	14147.4	13848.1	13594.0	13379.3	13230.4	13242.8	13355.8	13496.6	13780.3
G36.0	14146.9	13822.1	13508.4	13203.4	13011.7	12875.7	12889.7	13000.3	13161.9	13425.3

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.0 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 1)

Unit: cd

GVC	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G37.0	13785.7	13412.5	13082.6	12803.3	12600.6	12469.0	12475.9	12627.7	12745.4	13057.5
G38.0	13354.9	12978.8	12637.6	12334.1	12068.9	11941.9	11964.2	12177.9	12288.1	12635.3
G39.0	12853.7	12462.9	12102.9	11705.3	11466.3	11372.8	11421.5	11628.2	11731.5	12126.1
G40.0	12295.0	11827.9	11455.3	11018.6	10803.9	10734.3	10722.3	10972.0	11074.6	11506.4
G41.0	11575.8	11095.4	10708.9	10296.7	10121.3	10039.6	10058.1	10235.9	10340.1	10775.7
G42.0	10753.1	10316.2	9865.3	9576.5	9359.8	9259.8	9284.5	9451.2	9543.2	9977.7
G43.0	9961.5	9531.5	9109.5	8853.8	8653.1	8497.3	8498.0	8666.5	8674.2	9068.2
G44.0	9154.5	8699.3	8352.7	8082.3	7955.1	7762.1	7781.7	7915.7	7937.2	8274.4
G45.0	8345.1	7892.6	7608.1	7435.7	7242.5	7083.5	7048.7	7209.9	7226.7	7447.8
G46.0	7538.8	7137.4	6914.1	6692.5	6571.7	6514.8	6455.0	6536.3	6586.9	6777.6
G47.0	6833.8	6538.7	6321.6	6126.5	5976.8	5946.8	5880.5	5957.6	5972.5	6187.6
G48.0	6259.5	5952.5	5758.0	5584.0	5504.2	5411.0	5389.1	5500.9	5484.2	5675.9
G49.0	5704.0	5477.7	5263.4	5145.5	5030.8	4980.9	4977.7	5035.7	5050.6	5226.2
G50.0	5233.1	5040.6	4844.9	4698.7	4624.5	4579.8	4599.8	4621.9	4665.0	4789.1
G51.0	4834.3	4641.0	4456.8	4321.3	4259.1	4205.5	4245.3	4276.8	4308.7	4423.0
G52.0	4409.0	4266.9	4101.7	3973.9	3920.3	3840.1	3904.8	3932.5	3948.6	4102.9
G53.0	4076.4	3947.5	3805.3	3662.5	3611.4	3533.2	3603.4	3626.6	3641.0	3791.8
G54.0	3739.6	3618.7	3493.1	3411.2	3340.4	3260.9	3310.4	3332.9	3365.2	3499.2
G55.0	3441.5	3323.7	3185.5	3142.3	3060.9	2979.9	3056.9	3083.2	3108.1	3193.8
G56.0	3159.3	3060.7	2934.1	2865.8	2842.6	2738.3	2812.8	2839.1	2840.0	2945.4
G57.0	2895.0	2809.6	2696.2	2633.0	2612.0	2535.5	2585.1	2604.1	2605.6	2719.3
G58.0	2655.0	2584.2	2480.4	2390.7	2386.0	2315.2	2381.1	2381.0	2380.6	2504.1
G59.0	2445.7	2391.2	2260.6	2190.3	2196.3	2142.7	2180.3	2179.1	2175.4	2304.5
G60.0	2237.4	2188.2	2067.8	2008.4	2001.3	1963.7	2010.2	1982.5	1983.2	2095.2
G61.0	2053.5	2007.4	1896.2	1834.6	1830.2	1800.3	1844.7	1817.0	1798.6	1917.2
G62.0	1875.9	1836.0	1735.4	1677.8	1664.9	1642.8	1678.4	1660.5	1647.8	1752.4
G63.0	1704.2	1661.5	1577.1	1525.6	1514.4	1502.5	1517.4	1515.2	1507.4	1583.8
G64.0	1559.0	1525.6	1438.6	1394.0	1370.1	1354.1	1383.7	1373.5	1376.8	1438.9
G65.0	1420.0	1382.1	1311.0	1265.5	1244.7	1223.9	1250.6	1251.2	1258.4	1307.6
G66.0	1286.6	1248.4	1194.1	1160.1	1133.3	1107.7	1132.9	1145.1	1132.3	1174.2
G67.0	1167.1	1134.8	1084.6	1050.5	1031.6	998.1	1019.4	1034.7	1029.9	1059.6
G68.0	1056.7	1010.5	978.6	949.9	920.9	903.1	921.6	934.5	932.7	939.8
G69.0	949.4	901.5	876.4	853.9	826.2	815.1	817.6	841.3	834.2	833.5
G70.0	848.1	809.5	778.4	768.4	740.2	726.1	734.1	760.6	750.9	734.6
G71.0	766.9	728.0	709.7	690.5	664.4	656.3	658.0	680.3	676.4	652.1
G72.0	685.4	647.9	636.5	623.9	598.1	585.1	595.8	617.1	594.5	581.0
G73.0	611.6	576.8	566.7	556.5	534.1	532.0	533.6	547.6	521.0	509.2

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.0 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 2)

Unit: cd

GVC	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G74.0	541.2	515.9	509.5	501.3	479.3	473.7	476.4	490.6	453.5	460.8
G75.0	483.4	454.6	443.6	440.6	424.4	414.7	415.6	432.3	404.7	408.6
G76.0	420.0	396.0	391.3	394.1	372.4	369.3	368.8	381.3	354.6	364.3
G77.0	369.5	350.8	348.8	342.1	331.5	321.9	326.9	339.1	310.3	323.2
G78.0	322.2	307.2	301.0	296.1	291.3	282.8	283.9	292.3	265.4	281.4
G79.0	279.0	259.8	257.0	255.9	245.2	242.3	245.9	257.4	222.9	246.3
G80.0	238.6	217.3	214.1	214.7	207.5	201.4	207.8	215.5	192.3	210.7
G81.0	189.1	177.6	175.1	174.2	172.9	172.5	170.4	178.1	161.6	172.8
G82.0	152.6	142.1	140.9	144.2	134.8	132.3	136.9	136.5	126.8	142.5
G83.0	112.5	104.8	105.7	110.7	110.0	103.0	107.2	110.7	97.5	109.7
G84.0	81.5	79.4	78.1	85.2	75.5	82.4	71.6	82.1	70.4	82.6
G85.0	59.2	49.8	39.1	54.8	57.6	61.1	54.1	51.7	47.0	60.3
G86.0	40.1	28.2	33.8	36.0	40.2	36.0	29.7	36.3	27.9	34.5
G87.0	11.1	14.6	15.3	14.7	16.8	16.4	12.9	20.3	10.1	21.2
G88.0	0.0	9.4	12.2	0.0	10.1	9.4	8.7	12.2	13.6	0.0
G89.0	0.0	10.1	10.5	12.2	8.7	9.8	11.9	8.7	0.0	8.7
G90.0	0.0	0.0	10.5	8.0	7.3	7.7	9.8	9.8	0.0	11.8
G91.0	0.0	0.0	9.8	9.1	0.0	7.7	9.8	7.3	0.0	11.8
G92.0	0.0	0.0	8.4	7.3	7.3	11.2	7.7	0.0	0.0	7.0
G93.0	0.0	0.0	9.8	8.0	9.8	0.0	7.0	8.4	0.0	7.7
G94.0	0.0	8.7	8.7	10.5	0.0	8.7	10.1	8.4	0.0	12.2
G95.0	0.0	0.0	9.1	0.0	12.2	9.1	9.8	8.0	0.0	8.4
G96.0	0.0	0.0	0.0	9.1	8.7	9.4	8.0	7.0	0.0	7.3
G97.0	0.0	7.3	10.8	0.0	7.7	7.0	8.4	9.1	0.0	10.5
G98.0	0.0	10.5	10.5	7.7	0.0	8.0	0.0	0.0	0.0	0.0
G99.0	0.0	0.0	9.1	0.0	9.4	8.4	8.0	7.7	7.7	0.0
G100.0	0.0	0.0	7.0	0.0	0.0	8.4	8.7	0.0	0.0	0.0
G101.0	0.0	0.0	0.0	9.1	0.0	8.0	8.4	9.1	0.0	0.0
G102.0	0.0	0.0	7.0	7.0	9.8	9.4	7.0	11.5	7.3	0.0
G103.0	0.0	9.1	7.0	7.0	0.0	0.0	8.7	8.7	0.0	0.0
G104.0	0.0	0.0	9.1	0.0	0.0	8.7	0.0	8.4	0.0	0.0
G105.0	0.0	7.0	0.0	0.0	0.0	10.5	9.1	9.4	0.0	0.0
G106.0	0.0	0.0	8.0	7.3	9.4	7.3	9.4	14.0	0.0	0.0
G107.0	0.0	0.0	0.0	0.0	9.1	8.4	8.7	10.1	0.0	0.0
G108.0	0.0	0.0	10.1	8.7	10.8	10.8	10.5	8.0	9.4	7.7
G109.0	0.0	0.0	8.0	11.5	7.7	8.4	8.4	7.7	0.0	0.0
G110.0	0.0	7.0	9.1	7.0	9.8	10.5	7.0	9.4	0.0	0.0

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.0 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 3)

Unit: cd

GVC	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G111.0	0.0	7.7	7.7	10.8	0.0	13.3	8.7	9.8	0.0	0.0
G112.0	0.0	8.4	0.0	10.1	9.4	12.2	7.7	12.9	0.0	0.0
G113.0	0.0	7.7	0.0	0.0	0.0	10.8	9.8	9.4	0.0	8.7
G114.0	0.0	0.0	9.8	0.0	9.8	10.8	8.4	11.5	0.0	0.0
G115.0	0.0	10.1	0.0	7.0	9.1	14.0	9.8	8.0	7.3	0.0
G116.0	0.0	0.0	10.5	12.2	10.8	14.0	9.4	9.4	0.0	0.0
G117.0	0.0	8.7	9.8	7.0	8.4	11.2	10.5	9.8	8.0	7.3
G118.0	0.0	0.0	0.0	9.4	9.1	12.6	9.8	9.8	8.0	0.0
G119.0	0.0	0.0	10.5	8.4	10.8	14.0	11.5	10.5	8.7	8.4
G120.0	0.0	9.1	0.0	8.7	11.5	12.9	7.7	13.6	8.0	8.4
G121.0	0.0	0.0	12.2	10.5	7.7	10.8	13.6	11.5	9.7	9.7
G122.0	0.0	7.0	9.4	9.1	11.2	12.9	10.5	11.5	8.4	8.0
G123.0	0.0	12.2	12.2	11.5	14.0	14.3	13.3	8.0	11.1	9.1
G124.0	7.0	10.8	11.9	12.9	10.8	14.7	12.9	14.3	0.0	9.1
G125.0	7.3	11.8	13.9	11.5	14.7	16.8	14.3	14.3	12.5	9.1
G126.0	11.1	15.7	12.6	12.6	15.0	12.2	9.4	16.4	12.2	13.9
G127.0	10.1	12.2	17.1	16.1	14.0	17.1	12.6	16.4	8.7	11.1
G128.0	7.3	12.5	14.7	18.2	15.4	17.1	17.8	16.1	13.2	12.2
G129.0	10.5	13.9	17.1	17.5	16.8	17.1	14.0	13.6	15.0	14.3
G130.0	12.9	15.3	16.7	19.2	16.4	19.6	14.7	15.7	13.6	13.6
G131.0	12.9	16.7	18.5	19.6	14.7	18.2	17.8	14.7	13.6	14.3
G132.0	14.3	15.7	20.2	14.7	17.8	18.8	17.5	16.1	16.4	13.2
G133.0	11.1	17.1	16.4	23.7	19.9	19.6	24.1	14.7	17.1	16.4
G134.0	16.7	18.1	16.7	21.3	17.1	22.3	21.0	16.4	16.0	16.7
G135.0	13.6	20.9	20.2	22.0	21.3	20.6	14.7	18.2	19.5	15.7
G136.0	18.5	24.0	22.3	22.3	20.3	24.8	23.0	19.6	18.5	20.2
G137.0	18.8	21.2	25.1	21.3	24.8	22.7	24.4	17.1	20.5	15.7
G138.0	21.6	19.2	22.7	22.3	24.5	25.5	22.4	22.7	23.0	17.8
G139.0	19.9	19.5	25.1	21.6	29.0	24.8	25.8	21.0	24.0	19.5
G140.0	21.6	28.2	26.9	18.8	27.3	28.6	28.6	24.1	22.6	22.6
G141.0	26.5	25.1	23.4	25.5	24.8	31.1	30.7	25.1	24.7	21.9
G142.0	22.6	30.7	28.6	30.0	25.9	32.1	31.8	17.1	26.8	19.2
G143.0	25.8	21.9	23.4	28.3	29.0	35.3	30.4	30.0	26.8	25.1
G144.0	26.8	25.1	31.0	30.7	32.8	32.8	34.9	26.2	20.9	17.8
G145.0	30.6	29.6	32.4	31.4	31.4	36.7	31.1	31.4	28.9	25.8
G146.0	26.1	27.9	23.4	37.4	31.8	36.7	36.3	28.6	31.7	23.3
G147.0	28.6	33.4	32.4	34.2	33.9	29.7	35.3	26.9	28.2	32.0

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.0 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 4)

Unit: cd

GVC	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G148.0	28.2	29.6	35.6	33.9	36.0	35.6	33.2	35.6	31.7	28.9
G149.0	28.2	32.7	38.4	30.4	22.0	34.2	36.7	33.2	35.9	24.7
G150.0	32.0	33.4	34.5	37.4	37.0	31.8	36.3	34.9	30.6	33.4
G151.0	27.9	36.9	36.6	37.4	37.7	34.2	23.4	34.2	32.4	30.0
G152.0	30.0	32.4	37.3	36.0	36.0	42.9	30.4	23.8	36.6	34.1
G153.0	25.4	40.8	42.2	39.1	38.1	45.7	35.6	37.0	36.9	24.0
G154.0	26.5	36.6	43.6	36.3	43.3	42.6	39.5	39.8	38.0	40.4
G155.0	37.3	38.7	43.6	42.9	33.9	33.5	34.9	41.2	36.2	37.6
G156.0	34.1	44.6	38.7	42.9	40.2	45.7	39.5	39.1	38.7	26.5
G157.0	35.2	39.4	41.8	39.1	39.8	43.6	42.6	39.8	40.7	39.4
G158.0	34.8	42.1	37.0	38.0	44.7	45.7	41.2	32.1	42.1	34.8
G159.0	39.7	37.6	44.3	37.0	41.2	41.9	44.0	39.1	40.1	35.2
G160.0	41.8	36.2	36.3	40.8	45.8	44.0	43.0	33.2	40.1	38.7
G161.0	40.7	39.7	46.7	44.7	41.6	46.1	40.2	43.3	33.8	36.2
G162.0	32.7	40.1	42.9	34.6	44.4	47.8	43.7	46.8	39.7	41.1
G163.0	40.4	39.7	43.6	45.4	43.0	42.9	41.2	44.0	42.5	38.3
G164.0	34.5	43.5	42.9	42.6	44.0	46.4	45.4	44.0	41.4	41.5
G165.0	39.7	39.0	42.9	46.4	43.7	44.7	45.4	47.1	37.3	40.1
G166.0	39.7	39.4	47.4	42.9	48.6	48.5	48.9	45.7	44.9	44.6
G167.0	39.7	43.9	37.3	40.5	43.7	42.2	46.4	40.5	41.1	41.5
G168.0	43.5	44.6	47.1	47.1	45.8	47.1	38.4	30.7	46.3	40.4
G169.0	37.6	36.2	40.1	48.9	46.1	47.8	43.3	45.0	43.9	43.2
G170.0	34.8	45.6	45.0	46.8	45.1	50.6	47.5	48.9	39.7	43.9
G171.0	38.0	34.1	44.6	39.4	44.4	38.4	41.6	47.5	45.6	48.1
G172.0	43.9	46.0	39.8	33.5	48.6	47.5	40.9	47.8	43.2	45.6
G173.0	43.5	43.2	38.7	47.5	45.1	48.9	43.3	40.9	44.6	43.9
G174.0	44.6	46.0	48.5	46.4	35.6	42.6	43.7	45.7	43.9	42.8
G175.0	43.9	35.9	43.6	42.6	42.3	41.9	39.5	44.0	42.8	42.1
G176.0	38.7	34.1	45.3	38.8	45.8	46.4	43.3	43.7	35.9	37.3
G177.0	43.5	44.2	47.4	46.4	44.4	47.5	44.7	43.3	42.1	38.7
G178.0	43.2	41.5	43.9	40.5	43.3	45.0	46.1	41.9	43.2	43.5
G179.0	45.6	40.1	41.8	39.1	43.0	43.6	45.7	42.6	31.7	39.7
G180.0	42.1	43.9	41.2	41.2	38.8	40.8	36.3	23.0	45.3	42.1

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.0 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 5)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	16172.2	16172.2	16172.2	16172.2	16172.2	16172.2	16172.2			
G1.0	16175.3	16173.3	16171.8	16167.0	16164.9	16167.0	16163.8			
G2.0	16177.8	16173.3	16168.7	16163.8	16161.7	16162.1	16158.6			
G3.0	16180.2	16171.9	16168.0	16161.0	16158.2	16157.2	16150.3			
G4.0	16184.4	16170.5	16169.1	16155.8	16154.0	16151.3	16144.7			
G5.0	16187.9	16170.1	16167.0	16153.4	16150.2	16145.3	16136.0			
G6.0	16190.3	16165.6	16166.3	16150.6	16146.4	16136.6	16127.6			
G7.0	16192.1	16164.2	16166.3	16146.0	16138.0	16129.6	16121.0			
G8.0	16190.7	16162.1	16162.1	16142.2	16132.7	16120.5	16114.4			
G9.0	16192.8	16163.8	16156.8	16135.9	16123.3	16112.1	16108.8			
G10.0	16188.6	16161.4	16152.3	16128.9	16117.4	16102.0	16105.7			
G11.0	16182.0	16159.6	16149.1	16119.8	16109.3	16094.3	16097.0			
G12.0	16176.0	16151.6	16142.8	16113.6	16103.1	16087.7	16089.7			
G13.0	16165.9	16143.9	16139.0	16107.6	16099.2	16088.0	16078.2			
G14.0	16155.5	16136.2	16135.9	16098.2	16093.6	16082.5	16064.9			
G15.0	16143.3	16126.8	16129.2	16092.3	16086.6	16075.8	16051.7			
G16.0	16132.1	16118.8	16125.0	16083.2	16079.0	16065.7	16036.7			
G17.0	16116.4	16110.1	16115.3	16079.3	16073.7	16055.6	16023.5			
G18.0	16089.9	16094.7	16106.2	16072.7	16068.8	16043.7	16006.1			
G19.0	16061.6	16075.8	16089.8	16063.3	16060.4	16036.7	15984.1			
G20.0	16026.4	16050.7	16070.9	16051.1	16050.0	16026.6	15963.6			
G21.0	15986.7	16022.1	16053.1	16032.9	16031.8	16006.0	15943.0			
G22.0	15941.3	15987.5	16030.7	16010.9	16008.1	15983.3	15920.4			
G23.0	15888.7	15949.1	15996.1	15984.0	15986.4	15954.3	15891.5			
G24.0	15826.9	15899.9	15962.2	15953.3	15956.4	15919.0	15848.3			
G25.0	15760.7	15850.3	15922.8	15919.8	15917.3	15882.0	15801.3			
G26.0	15669.6	15789.6	15880.5	15880.0	15880.2	15843.9	15745.2			
G27.0	15587.0	15714.2	15818.0	15834.3	15831.0	15793.7	15684.9			
G28.0	15476.8	15645.7	15746.4	15770.7	15774.4	15727.3	15613.2			
G29.0	15353.0	15521.5	15660.8	15691.1	15698.3	15657.1	15520.5			
G30.0	15207.9	15398.9	15556.7	15614.3	15614.5	15554.4	15414.3			
G31.0	15034.9	15261.0	15434.4	15504.7	15505.2	15437.8	15284.1			
G32.0	14852.5	15107.8	15281.0	15370.7	15379.8	15308.6	15127.7			
G33.0	14645.3	14922.7	15112.0	15217.4	15228.2	15150.7	14934.0			
G34.0	14407.5	14704.2	14913.5	15031.4	15050.1	14961.1	14738.3			
G35.0	14128.1	14414.8	14668.3	14799.6	14824.1	14692.2	14478.8			
G36.0	13774.8	14111.8	14377.7	14529.0	14524.8	14396.4	14146.9			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.0 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 6)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	13411.8	13758.5	14034.3	14155.5	14188.9	14040.2	13785.7			
G38.0	13001.7	13353.1	13586.4	13749.8	13776.4	13613.8	13354.9			
G39.0	12531.2	12838.9	13109.9	13264.2	13289.6	13060.3	12853.7			
G40.0	11970.0	12289.7	12567.0	12705.7	12647.3	12459.3	12295.0			
G41.0	11189.5	11611.8	11914.5	12049.0	11948.9	11745.2	11575.8			
G42.0	10380.1	10817.2	11146.3	11297.4	11177.4	10962.2	10753.1			
G43.0	9550.7	9997.5	10244.6	10421.2	10384.3	10168.8	9961.5			
G44.0	8706.4	9071.6	9416.0	9615.1	9503.8	9289.5	9154.5			
G45.0	7839.4	8236.6	8566.8	8792.0	8683.8	8510.0	8345.1			
G46.0	7137.7	7463.6	7763.0	7902.1	7901.5	7716.3	7538.8			
G47.0	6527.7	6796.5	7048.2	7166.9	7165.7	7017.2	6833.8			
G48.0	5991.6	6166.0	6377.1	6523.5	6528.3	6412.0	6259.5			
G49.0	5499.2	5664.7	5847.6	5971.6	5937.4	5823.5	5704.0			
G50.0	5028.7	5219.9	5380.5	5492.0	5468.7	5355.9	5233.1			
G51.0	4636.4	4801.3	4954.6	5015.1	5045.5	4924.0	4834.3			
G52.0	4269.8	4428.8	4527.8	4620.6	4663.0	4538.8	4409.0			
G53.0	3915.5	4057.4	4166.2	4245.0	4298.1	4175.2	4076.4			
G54.0	3593.9	3741.4	3844.8	3901.1	3927.2	3813.1	3739.6			
G55.0	3283.2	3449.2	3556.9	3554.8	3616.4	3523.9	3441.5			
G56.0	3021.6	3177.6	3261.8	3262.3	3328.9	3249.5	3159.3			
G57.0	2784.8	2902.2	3000.8	3005.7	3068.1	2965.5	2895.0			
G58.0	2564.4	2668.3	2753.1	2769.0	2823.9	2711.7	2655.0			
G59.0	2347.5	2453.5	2527.1	2549.1	2579.1	2483.3	2445.7			
G60.0	2163.3	2248.3	2308.1	2345.6	2368.9	2267.1	2237.4			
G61.0	1988.6	2059.8	2095.7	2135.8	2174.0	2077.5	2053.5			
G62.0	1823.6	1873.7	1924.1	1962.6	1979.5	1890.3	1875.9			
G63.0	1656.2	1710.6	1762.8	1793.0	1807.7	1727.2	1704.2			
G64.0	1507.7	1559.8	1612.2	1638.7	1648.8	1576.4	1559.0			
G65.0	1367.8	1418.4	1471.4	1478.1	1503.1	1444.4	1420.0			
G66.0	1239.5	1286.5	1322.9	1346.5	1365.9	1315.5	1286.6			
G67.0	1121.2	1153.1	1201.7	1227.1	1239.5	1184.2	1167.1			
G68.0	1002.3	1046.3	1088.5	1113.6	1113.7	1073.8	1056.7			
G69.0	902.9	944.7	967.7	998.1	1006.2	968.7	949.4			
G70.0	809.8	843.5	858.3	897.5	902.4	876.9	848.1			
G71.0	728.9	743.6	769.6	805.4	804.3	778.1	766.9			
G72.0	644.9	651.4	676.0	729.6	721.5	700.2	685.4			
G73.0	572.7	571.1	597.7	644.8	642.6	624.4	611.6			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.0 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 7)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	503.6	492.9	539.7	575.0	576.6	558.1	541.2			
G75.0	446.8	406.7	490.8	512.1	504.6	489.2	483.4			
G76.0	402.1	351.9	440.9	453.8	444.6	432.0	420.0			
G77.0	362.4	307.6	393.4	398.3	390.8	377.2	369.5			
G78.0	317.4	276.5	344.4	343.2	345.1	323.7	322.2			
G79.0	275.2	239.5	294.1	298.1	288.5	281.8	279.0			
G80.0	232.3	209.8	255.7	251.3	241.7	231.2	238.6			
G81.0	192.5	184.0	212.4	206.0	201.9	186.5	189.1			
G82.0	159.7	155.0	170.1	168.6	159.6	149.8	152.6			
G83.0	126.3	123.2	135.9	132.7	124.3	114.9	112.5			
G84.0	91.4	95.7	101.7	100.5	88.4	86.3	81.5			
G85.0	68.0	70.2	77.9	74.0	56.9	59.4	59.2			
G86.0	47.8	49.9	51.4	47.1	26.9	33.2	40.1			
G87.0	22.3	29.0	29.0	28.3	19.9	12.2	11.1			
G88.0	11.5	11.5	15.7	7.3	10.8	0.0	0.0			
G89.0	0.0	10.1	10.8	9.1	8.4	0.0	0.0			
G90.0	0.0	0.0	9.8	0.0	7.7	9.1	0.0			
G91.0	7.3	0.0	7.7	8.7	0.0	0.0	0.0			
G92.0	7.0	0.0	7.3	9.1	9.4	8.4	0.0			
G93.0	0.0	9.4	0.0	7.7	0.0	8.4	0.0			
G94.0	8.4	0.0	8.4	0.0	10.5	7.0	0.0			
G95.0	0.0	0.0	0.0	7.3	10.5	0.0	0.0			
G96.0	0.0	8.4	0.0	0.0	9.8	7.0	0.0			
G97.0	8.0	0.0	0.0	7.3	11.2	0.0	0.0			
G98.0	0.0	0.0	0.0	10.1	0.0	7.0	0.0			
G99.0	0.0	7.0	0.0	9.8	0.0	0.0	0.0			
G100.0	7.7	0.0	7.3	7.3	10.1	8.4	0.0			
G101.0	8.4	0.0	0.0	0.0	0.0	0.0	0.0			
G102.0	0.0	0.0	7.0	0.0	7.7	0.0	0.0			
G103.0	7.0	0.0	0.0	7.0	0.0	7.7	0.0			
G104.0	0.0	0.0	0.0	0.0	8.7	0.0	0.0			
G105.0	0.0	0.0	7.0	7.0	0.0	0.0	0.0			
G106.0	9.1	7.3	0.0	0.0	0.0	8.0	0.0			
G107.0	0.0	0.0	7.7	7.0	7.3	7.0	0.0			
G108.0	7.7	0.0	7.3	0.0	7.7	0.0	0.0			
G109.0	9.1	0.0	0.0	0.0	0.0	0.0	0.0			
G110.0	0.0	7.0	0.0	0.0	9.4	0.0	0.0			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.0 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 8)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	7.3	0.0	10.8	8.4	8.0	7.7	0.0			
G112.0	0.0	0.0	0.0	0.0	0.0	7.7	0.0			
G113.0	0.0	7.0	0.0	9.4	0.0	0.0	0.0			
G114.0	10.1	7.7	0.0	8.7	7.3	0.0	0.0			
G115.0	0.0	0.0	7.7	9.4	10.5	0.0	0.0			
G116.0	7.3	8.0	7.0	0.0	8.7	9.4	0.0			
G117.0	0.0	0.0	11.9	0.0	9.4	0.0	0.0			
G118.0	0.0	10.5	0.0	7.3	9.1	8.7	0.0			
G119.0	11.2	0.0	7.7	10.5	10.5	10.1	0.0			
G120.0	0.0	0.0	11.5	0.0	11.9	9.1	0.0			
G121.0	10.5	7.7	9.1	10.5	13.3	0.0	0.0			
G122.0	11.9	12.9	7.3	10.1	11.9	9.1	0.0			
G123.0	14.7	9.8	9.4	12.2	12.9	9.1	0.0			
G124.0	8.4	10.5	9.8	10.1	13.6	11.2	7.0			
G125.0	10.1	12.6	12.6	9.8	11.9	14.3	7.3			
G126.0	15.0	11.5	13.3	11.2	13.6	12.6	11.1			
G127.0	10.5	14.0	14.7	11.9	16.1	13.6	10.1			
G128.0	11.5	11.9	11.9	14.3	14.0	12.9	7.3			
G129.0	16.4	13.6	18.5	15.7	16.4	11.9	10.5			
G130.0	19.2	18.2	14.3	13.3	16.1	13.3	12.9			
G131.0	15.7	19.2	11.9	15.0	17.5	16.4	12.9			
G132.0	18.8	17.8	17.1	13.6	19.9	15.0	14.3			
G133.0	19.9	16.8	21.0	17.8	20.3	13.6	11.1			
G134.0	17.8	19.6	19.6	19.6	17.1	18.5	16.7			
G135.0	15.7	22.0	22.4	18.5	22.0	18.2	13.6			
G136.0	17.8	17.8	18.2	19.2	22.0	20.6	18.5			
G137.0	20.2	22.7	23.1	20.9	24.4	18.9	18.8			
G138.0	20.6	23.7	24.1	22.7	23.8	21.7	21.6			
G139.0	22.3	23.4	22.7	22.0	24.8	21.7	19.9			
G140.0	26.2	26.2	23.4	24.1	24.1	12.9	21.6			
G141.0	28.9	27.2	25.9	24.8	31.1	21.3	26.5			
G142.0	28.9	29.0	29.3	26.9	29.3	28.6	22.6			
G143.0	27.9	27.9	27.3	26.2	30.0	27.6	25.8			
G144.0	30.0	27.2	19.6	24.4	29.3	29.0	26.8			
G145.0	30.7	30.4	31.8	27.9	30.4	30.0	30.6			
G146.0	30.3	32.1	16.8	32.8	34.6	32.8	26.1			
G147.0	29.6	32.8	32.1	22.7	32.8	31.8	28.6			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.0 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 9)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	34.9	34.9	33.9	30.0	29.0	31.1	28.2			
G149.0	38.0	34.6	26.2	33.9	35.6	32.1	28.2			
G150.0	34.2	37.0	29.3	36.3	37.4	29.0	32.0			
G151.0	34.9	30.7	35.6	27.2	31.4	36.7	27.9			
G152.0	37.7	32.8	33.5	34.9	39.1	39.8	30.0			
G153.0	36.3	26.5	31.1	38.0	28.6	31.1	25.4			
G154.0	35.2	36.0	38.4	38.0	38.1	37.4	26.5			
G155.0	38.4	37.0	38.8	39.4	39.8	38.1	37.3			
G156.0	37.7	37.0	39.8	41.5	38.4	37.7	34.1			
G157.0	34.5	36.0	41.9	42.6	42.3	38.1	35.2			
G158.0	38.7	39.1	45.1	39.8	38.8	37.4	34.8			
G159.0	42.5	39.8	40.2	37.4	38.1	38.8	39.7			
G160.0	34.5	44.7	38.8	38.4	40.2	38.1	41.8			
G161.0	43.6	44.3	39.1	39.8	39.5	43.7	40.7			
G162.0	36.6	48.5	41.2	40.1	43.3	43.3	32.7			
G163.0	42.2	44.7	43.7	40.8	46.4	40.9	40.4			
G164.0	43.6	42.9	44.0	37.4	40.9	41.9	34.5			
G165.0	45.3	44.3	45.1	44.3	45.7	42.6	39.7			
G166.0	40.8	45.4	45.4	43.3	44.3	48.5	39.7			
G167.0	46.4	47.1	43.7	43.3	46.8	43.7	39.7			
G168.0	43.2	46.8	41.2	46.8	41.9	49.9	43.5			
G169.0	42.9	47.8	43.7	48.9	47.8	45.7	37.6			
G170.0	45.7	42.9	42.6	51.0	50.3	45.4	34.8			
G171.0	45.3	48.2	47.5	43.6	47.5	43.3	38.0			
G172.0	48.5	48.5	45.8	48.9	48.5	48.5	43.9			
G173.0	52.0	51.0	49.3	48.5	45.7	48.5	43.5			
G174.0	46.7	47.5	46.8	45.0	39.1	46.4	44.6			
G175.0	34.2	49.2	43.7	44.7	43.3	39.1	43.9			
G176.0	44.3	42.6	48.6	37.0	48.9	45.7	38.7			
G177.0	47.1	50.6	49.6	35.6	44.0	47.8	43.5			
G178.0	38.7	43.3	43.7	45.7	38.8	45.7	43.2			
G179.0	38.0	46.4	45.1	28.6	34.2	27.2	45.6			
G180.0	43.9	41.2	41.2	38.8	40.9	36.3	42.1			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.0 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector: